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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A data latch circuit which samples a digital signal ~~includes~~ comprising:
a capacitor means having first and second electrodes[~~(1)~~];
an inverter whose input terminal is connected to the first electrode[~~(1)~~]; and
a switch connected between the input terminal and an output terminal of the inverter,
wherein ~~the data latch circuit is characterized in that~~ the switch is turned ON to input a first potential to the second electrode of the capacitor means during a reset period, and
further wherein the digital signal is input to the second electrode of the capacitor means during a sampling period after the reset period.

2. (Currently Amended) A data latch circuit which samples a digital signal ~~includes~~ comprising:
a capacitor means having first and second electrodes[~~(1)~~];
an inverter whose input terminal is connected to the first electrode[~~(1)~~];
a first switch connected between the input terminal and an output terminal of the inverter[~~(1)~~]; and
second and third switches connected to the second electrode,
wherein ~~the data latch circuit is characterized in that~~ the first switch and the second switch are turned ON to input a first potential to the second electrode of the capacitor means during a reset period, and
further wherein the third switch is turned ON to input the digital signal to the second electrode of the capacitor means during a sampling period after the reset period.

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3. (Currently Amended) A data latch circuit which samples a digital signal ~~includes~~
comprising:

a capacitor means having first and second electrodes[[]];

a first inverter whose input terminal is connected to the first electrode[[]];

a switch connected between the input terminal and an output terminal of the first

inverter[[]];

a second inverter whose input terminal is connected to the output terminal of the first
inverter[[]]; and

a clocked inverter whose output terminal and input terminal are connected to the input
terminal and an output terminal of the second inverter respectively,

wherein ~~the data latch circuit is characterized in that~~ the switch is turned ON to input a
first potential to the second electrode of the capacitor means during a reset period, and

further wherein the digital signal is input to the second electrode of the capacitor means
during a sampling period after the reset period.

4. (Currently Amended) A data latch circuit which samples a digital signal ~~includes~~
comprising:

a capacitor means having first and second electrodes[[]];

a first inverter whose input terminal is connected to the first electrode[[]];

a first switch connected between the input terminal and an output terminal of the first

inverter[[]];

second and third switches connected to the second electrode[[]];

a second inverter whose input terminal is connected to the output terminal of the first
inverter[[]]; and

a clocked inverter whose output terminal and input terminal are connected to the input
terminal and an output terminal of the second inverter respectively,

wherein ~~the data latch circuit is characterized in that~~ the first switch and the second

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switch are turned ON to input a first potential to the second electrode of the capacitor means during a reset period, and

further wherein the third switch is turned ON to input the digital signal to the second electrode of the capacitor means during a sampling period after the reset period.

5. (Currently Amended) A data latch circuit which samples a digital signal includes comprising:

a capacitor means having first and second electrodes[[]];

a first inverter whose input terminal is connected to the first electrode[[]];

a switch connected between the input terminal and an output terminal of the first inverter[[]];

a second inverter whose input terminal is connected to the output terminal of the first inverter[[]]; and

a clocked inverter whose output terminal and input terminal are connected to the input terminal and the output terminal of the first inverter respectively,

wherein ~~the data latch circuit is characterized in that~~ the switch is turned ON to input a first potential to the second electrode of the capacitor means during a reset period, and

further wherein the digital signal is input to the second electrode of the capacitor means during a sampling period after the reset period.

6. (Currently Amended) A data latch circuit which samples a digital signal includes comprising:

a capacitor means having first and second electrodes[[]];

a first inverter whose input terminal is connected to the first electrode[[]];

a first switch connected between the input terminal and an output terminal of the first inverter[[]];

second and third switches connected to the second electrode[[]];

a second inverter whose input terminal is connected to the output terminal of the first

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inverter[[,]]; and

a clocked inverter whose output terminal and input terminal are connected to the input terminal and the output terminal of the first inverter respectively,

wherein ~~the data latch circuit is characterized in that~~ the first switch and the second switch are turned ON to input a first potential to the second electrode of the capacitor means during a reset period, and

~~further~~ wherein the third switch is turned ON to input the digital signal to the second electrode of the capacitor means during a sampling period after the reset period.

7. (Currently Amended) A data latch circuit which samples a digital signal ~~includes~~ comprising:

a first capacitor means having first and second electrodes[[,]];

a second capacitor means third and fourth electrodes[[,]];

an inverter whose input terminal is connected to the first electrode and the third electrode[[,]]; and

a switch connected between the input terminal and an output terminal of the inverter,

wherein ~~the data latch circuit is characterized in that~~ the switch is turned ON to input a first potential to the second electrode of the first capacitor means and to input a second potential to the fourth electrode of the third capacitor means during a reset period, and

~~further~~ wherein the digital signal is input to the second electrode of the first capacitor means and to the fourth electrode of the second capacitor means during a sampling period after the reset period.

8. (Currently Amended) A data latch circuit which samples a digital signal ~~includes~~ comprising:

a first capacitor means having first and second electrodes[[,]];

a second capacitor means having third and fourth electrodes[[,]];

an inverter whose input terminal is connected to the first electrode and the third

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electrode[[]];

a first switch connected between the input terminal and an output terminal of the inverter[[]];

second and third switches connected to the second electrode[[]]; and

fourth and fifth switches connected to the fourth electrode,

wherein ~~the data latch circuit is characterized in that~~ the switch and the second switch are turned ON to input a first potential to the second electrode of the first capacitor means while the fourth switch is turned ON to input a second potential to the fourth electrode of the third capacitor means during a reset period, and

~~further~~ wherein the third switch is turned ON to input the digital signal to the second electrode of the first capacitor means while the fifth switch is turned ON to input the digital signal to the fourth electrode of the second capacitor means during a sampling period after the reset period.

9. (Currently Amended) A data latch circuit which samples a digital signal ~~includes~~ comprising:

a first capacitor means having first and second electrodes[[]];

a second capacitor means having third and fourth electrodes[[]];

a first inverter whose input terminal is connected to the first electrode and whose output terminal is connected to the third electrode[[]];

a first switch connected between the input terminal and the output terminal of the first inverter[[]];

a third capacitor means having fifth and sixth electrodes[[]];

a fourth capacitor means having seventh and eighth electrodes[[]];

a second inverter whose input terminal is connected to the fifth electrode and whose output terminal is connected to the seventh electrode[[]];

a second switch connected between the input terminal and the output terminal of the second inverter[[]];

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a third inverter whose input terminal is connected to the fourth and eighth electrodes[1,];
and

a third switch connected between the input terminal and an output terminal of the third inverter,

wherein ~~the data latch circuit is characterized in that~~ the first and second switches are turned ON to input a first potential to the second electrode of the first capacitor means and to input a second potential to the fourth electrode of the third capacitor means during a reset period, and

~~further~~ wherein the digital signal is input to the second electrode of the first capacitor means and to the fourth electrode of the second capacitor means during a sampling period after the reset period.

10. (Currently Amended) A data latch circuit which samples a digital signal includes comprising:

a first capacitor means having first and second electrodes[1,];

a second capacitor means having third and fourth electrodes[1,];

a first inverter whose input terminal is connected to the first electrode and whose output terminal is connected to the third electrode[1,];

a first switch connected between the input terminal and the output terminal of the first inverter[1,];

a third capacitor means having fifth and sixth electrodes[1,];

a fourth capacitor means having seventh and eighth electrodes[1,];

a second inverter whose input terminal is connected to the fifth electrode and whose output terminal is connected to the seventh electrode[1,];

a second switch connected between the input terminal and the output terminal of the second inverter[1,];

a third inverter whose input terminal is connected to the fourth and the eighth electrodes[1,];

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a third switch connected between the input terminal and the output terminal of the third inverter[1,]; and

a fifth capacitor connected to the first electrode and the fifth electrode,

wherein ~~the data latch circuit is characterized in that~~ the first and second switches are turned ON to input a first potential to the second electrode of the first capacitor means and to input a second potential to the fourth electrode of the third capacitor means during a reset period, and

further wherein the digital signal is input to the second electrode of the first capacitor means and to the fourth electrode of the second capacitor means during a sampling period after the reset period.

11. (Currently Amended) The data latch circuit according to ~~any one of claims 7 to 9,~~ claim 7, characterized in that wherein the first potential is a potential of 1 or 0 as the digital signal.

12. (Currently Amended) The data latch circuit according to ~~any one of claims 1 to 10,~~ characterized in that the reset period is determined with a sampling pulse from a shift register of the preceding stage while the sampling period is determined with a sampling pulse from a shift register of the present stage claim 8, wherein the first potential is a potential of 1 or 0 as the digital signal.

13. (Currently Amended) The data latch circuit according to ~~any one of claims 1 to 10,~~ characterized in that the amplitude of the digital signal is comparatively smaller than the width of a power supply voltage which is used for the data latch circuit claim 9, wherein the first potential is a potential of 1 or 0 as the digital signal.

14. (Currently Amended) The data latch circuit according to ~~any one of claims 4, 5 or 6,~~ characterized in that an output pulse of the shift register of the preceding stage is used for a

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control terminal of the clocked inverter claim 1, wherein the reset period is determined with a sampling pulse from a shift register of the preceding stage while the sampling period is determined with a sampling pulse from a shift register of the present stage.

15. (Currently Amended) ~~The data latch circuit according to any one of claims 1 to 10,~~
~~characterized in that the data latch circuit is formed by using thin film transistors claim 2,~~
wherein the reset period is determined with a sampling pulse from a shift register of the preceding stage while the sampling period is determined with a sampling pulse from a shift register of the present stage.

16. (Currently Amended) ~~An electronic device using the data latch circuit according to any one of claims 1 to 10~~
The data latch circuit according to claim 3, wherein the reset period is determined with a sampling pulse from a shift register of the preceding stage while the sampling period is determined with a sampling pulse from a shift register of the present stage.

17. (New) The data latch circuit according to claim 4, wherein the reset period is determined with a sampling pulse from a shift register of the preceding stage while the sampling period is determined with a sampling pulse from a shift register of the present stage.

18. (New) The data latch circuit according to claim 5, wherein the reset period is determined with a sampling pulse from a shift register of the preceding stage while the sampling period is determined with a sampling pulse from a shift register of the present stage.

19. (New) The data latch circuit according to claim 6, wherein the reset period is determined with a sampling pulse from a shift register of the preceding stage while the sampling period is determined with a sampling pulse from a shift register of the present stage.

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20. (New) The data latch circuit according to claim 7, wherein the reset period is determined with a sampling pulse from a shift register of the preceding stage while the sampling period is determined with a sampling pulse from a shift register of the present stage.

21. (New) The data latch circuit according to claim 8, wherein the reset period is determined with a sampling pulse from a shift register of the preceding stage while the sampling period is determined with a sampling pulse from a shift register of the present stage.

22. (New) The data latch circuit according to claim 9, wherein the reset period is determined with a sampling pulse from a shift register of the preceding stage while the sampling period is determined with a sampling pulse from a shift register of the present stage.

23. (New) The data latch circuit according to claim 10, wherein the reset period is determined with a sampling pulse from a shift register of the preceding stage while the sampling period is determined with a sampling pulse from a shift register of the present stage.

24. (New) The data latch circuit according to claim 1, wherein the amplitude of the digital signal is comparatively smaller than the width of a power supply voltage which is used for the data latch circuit.

25. (New) The data latch circuit according to claim 2, wherein the amplitude of the digital signal is comparatively smaller than the width of a power supply voltage which is used for the data latch circuit.

26. (New) The data latch circuit according to claim 3, wherein the amplitude of the digital signal is comparatively smaller than the width of a power supply voltage which is used for the data latch circuit.

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27. (New) The data latch circuit according to claim 4, wherein the amplitude of the digital signal is comparatively smaller than the width of a power supply voltage which is used for the data latch circuit.

28. (New) The data latch circuit according to claim 5, wherein the amplitude of the digital signal is comparatively smaller than the width of a power supply voltage which is used for the data latch circuit.

29. (New) The data latch circuit according to claim 6, wherein the amplitude of the digital signal is comparatively smaller than the width of a power supply voltage which is used for the data latch circuit.

30. (New) The data latch circuit according to claim 7, wherein the amplitude of the digital signal is comparatively smaller than the width of a power supply voltage which is used for the data latch circuit.

31. (New) The data latch circuit according to claim 8, wherein the amplitude of the digital signal is comparatively smaller than the width of a power supply voltage which is used for the data latch circuit.

32. (New) The data latch circuit according to claim 9, wherein the amplitude of the digital signal is comparatively smaller than the width of a power supply voltage which is used for the data latch circuit.

33. (New) The data latch circuit according to claim 10, wherein the amplitude of the digital signal is comparatively smaller than the width of a power supply voltage which is used for the data latch circuit.

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34. (New) The data latch circuit according to claim 4, wherein an output pulse of the shift register of the preceding stage is used for a control terminal of the clocked inverter.

35. (New) The data latch circuit according to claim 5, wherein an output pulse of the shift register of the preceding stage is used for a control terminal of the clocked inverter.

36. (New) The data latch circuit according to claim 6, wherein an output pulse of the shift register of the preceding stage is used for a control terminal of the clocked inverter.

37. (New) The data latch circuit according to claim 1, wherein the data latch circuit is formed by using thin film transistors.

38. (New) The data latch circuit according to claim 2, wherein the data latch circuit is formed by using thin film transistors.

39. (New) The data latch circuit according to claim 3, wherein the data latch circuit is formed by using thin film transistors.

40. (New) The data latch circuit according to claim 4, wherein the data latch circuit is formed by using thin film transistors.

41. (New) The data latch circuit according to claim 5, wherein the data latch circuit is formed by using thin film transistors.

42. (New) The data latch circuit according to claim 6, wherein the data latch circuit is formed by using thin film transistors.

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43. (New) The data latch circuit according to claim 7, wherein the data latch circuit is formed by using thin film transistors.

44. (New) The data latch circuit according to claim 8, wherein the data latch circuit is formed by using thin film transistors.

45. (New) The data latch circuit according to claim 9, wherein the data latch circuit is formed by using thin film transistors.

46. (New) The data latch circuit according to claim 10, wherein the data latch circuit is formed by using thin film transistors.

47. (New) An electronic device having the data latch circuit according to claim 1, wherein the electronic device is selected from the group consisting of a display, a mobile computer, a game machine, a mobile phone, a navigation system, and a camera.

48. (New) An electronic device having the data latch circuit according to claim 2, wherein the electronic device is selected from the group consisting of a display, a mobile computer, a game machine, a mobile phone, a navigation system, and a camera.

49. (New) An electronic device having the data latch circuit according to claim 3, wherein the electronic device is selected from the group consisting of a display, a mobile computer, a game machine, a mobile phone, a navigation system, and a camera.

50. (New) An electronic device having the data latch circuit according to claim 4, wherein the electronic device is selected from the group consisting of a display, a mobile computer, a game machine, a mobile phone, a navigation system, and a camera.

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51. (New) An electronic device having the data latch circuit according to claim 5, wherein the electronic device is selected from the group consisting of a display, a mobile computer, a game machine, a mobile phone, a navigation system, and a camera.

52. (New) An electronic device having the data latch circuit according to claim 6, wherein the electronic device is selected from the group consisting of a display, a mobile computer, a game machine, a mobile phone, a navigation system, and a camera.

53. (New) An electronic device having the data latch circuit according to claim 7, wherein the electronic device is selected from the group consisting of a display, a mobile computer, a game machine, a mobile phone, a navigation system, and a camera.

54. (New) An electronic device having the data latch circuit according to claim 8, wherein the electronic device is selected from the group consisting of a display, a mobile computer, a game machine, a mobile phone, a navigation system, and a camera.

55. (New) An electronic device having the data latch circuit according to claim 9, wherein the electronic device is selected from the group consisting of a display, a mobile computer, a game machine, a mobile phone, a navigation system, and a camera.

56. (New) An electronic device having the data latch circuit according to claim 10, wherein the electronic device is selected from the group consisting of a display, a mobile computer, a game machine, a mobile phone, a navigation system, and a camera.

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Amendments to the Drawings:

Please substitute the attached drawings in English for the drawings submitted with the application.